



A02-UP1-W54

NetFly USB-54T Wireless Turbo USB Adapter

- Interoperable with IEEE802.11g and IEEE802.11b standards
- Packet-OVERDRIVE™ Technology offers an high throughput for HD Video Streaming (up to 35Mbps)
- USB V2.0 & USB V1.1 compliant
- Access Point Mode
- Strong network security with WEP and WPA/WPA2 support
- Ease of installation

The Wireless USB Adapter is a high-efficiency wireless LAN Adapter for wireless networking at home, in office or in public places. The data rate can be up to 54 Mbps and auto-negotiated to 48, 36, 24, 18, 12, 9, 6Mbps (IEEE 802.11g), or 11, 5.5, 2, 1Mbps (IEEE802.11b).

With the Adapter, you can roam between conference room and office without being disconnected the LAN cables; in addition, sharing files and printers can be easy tasks.

The Wireless USB Adapter is available to Microsoft Windows operating systems (Windows® XP/2000/ME/98SE) or Linux and can be integrated into networking with either Ad-hoc mode (computer-to-computer, without an Access Point), Infrastructure mode (computer-to-access point, an Access Point is required) or Access Point Mode.

The device offers quick and easy access among wired network and wireless network. The Wireless USB Adapter also supports WPA/WPA2 security, it increases the level of data protection and access control for Wireless LAN.

Last but not least Packet-Overdrive™ technology offers an high throughput for HD Video Streaming.



NetFly



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TECHNICAL FEATURES

Physical Interface

Host Interface: USB v1.1/2.0
Operation Voltage: 3.3V
LEDs: Link status

Wireless Interface:

Chipset: Ralink RT2501USB® (RT2528+RT2571W)
Antenna: Printed antenna

Security:

WEP encryption (64-bit/128-bit)
WPA-PSK and WPA2-PSK
WPA and WPA2

Radio Specifications:

Frequency Range: 2.412 ~ 2.497GHz
Standard Compliance: 802.11b, 802.11g
Modulation: 802.11g: OFDM / 802.11b: CCK(11Mbps) / DQPSK(2Mbps) / DBPSK(1Mbps)
Operating Channel: US/Canada: 11 (1~11) / Europe: 13 (1~13) / France: 4 (10~13)
Transmission Rate:
802.11b: 1, 2, 5.5, 11Mbps
802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Operation Range: [Indoor: < 25 m / Outdoor: < 80 m]
RF max. output power: 13dBm @ 802.11g mode, 15dBm @ 802.11b mode
Receiver Sensivity(802.11g mode): -70 dBm (typically)*
Receiver Sensivity(802.11b mode): -82 dBm (typically)**
Access Mode: Ad-Hoc and Infrastructure mode

Advanced Wireless Features

Quality of Service (QoS) [802.11e, WMM]
Packet-OVERDRIVE™ Technology offers an high throughput for HD Video Streaming
Access Point Mode (Windows XP)

System Requirements

PC with available USB V2.0/1.1*** slot
Intel® Pentium®III 600Mhz or compatible processor with 128MB RAM
Windows 98SE/ME/2000/XP or Linux****
Minimum 15 Mbytes free disk space for installing the driver and utilities
CDRom drive

Physical and Environmental:

Storage Temperature: -10~65°C
Operating Temperature: 0~40°C
Humidity: 10% - 95% RH, no condensation
Dimensions: 82 x 26 x 9 mm
Continuous Current Consumption: 360 mA (Rx), 362 mA (Tx)

Certifications:

CE (Europe)
WHQL Windows 2000, XP

*10% PER(Packet Error Rate)

** 8% PER(Packet Error Rate)

***When plug the device in the USB 1.1/1.0 port, the real throughput will be up to 6Mbps only when running 11Mbps or higher speed

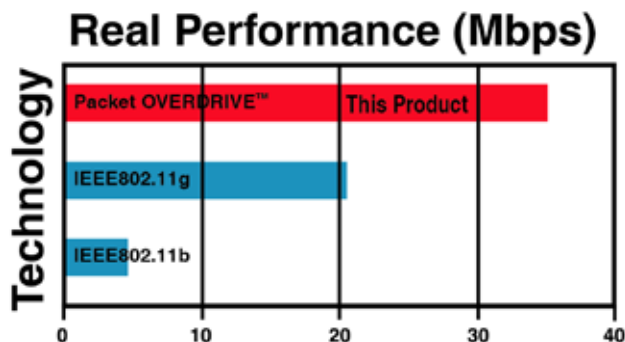
**** Linux kernel 2.4 and 2.6 series. Tested in RedHat 7.3

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Performance and Throughput are influenced by many factors (interference, noise, environments)



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